PTO/SB/05 (01-04)

Approved for use through 07/31/2006, OMB 0651-0032 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No. 0554300-0301 First Inventor Bryan Yielding , et a Land and Sea Transport System For Title Particulate Materials

(Only for new nonprovisional applications under 37 CFR 1.53(b))

(any territorial production of the control of the c	Express Mail Label No. FR 166450229 US			
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	Mail Stop Patent Application ADDRESS TO: Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450			
1. \(\text{\text{\text{\$X\$}}}\) Fee Transmittal Form (e.g., PTO/SB/17) 2. \(\text{\text{\$Applicant claims small entity status.}}\) See 37 CFR 1.27. 3. \(\text{\text{\$X\$}}\) Specification \(\text{\$[Total Pages_18]} \) 1 2. \(\text{\$Specification } \) \(\text{\$[Total Pages_18]} \) 1 3. \(\text{\$X\$}\) Specification \(\text{\$[Total Pages_18]} \) 1 3. \(\text{\$X\$}\) Specification \(\text{\$[Total Pages_18]} \) 1 3. \(\text{\$X\$}\) Specification \(\text{\$[Total Pages_18]} \) 1 3. \(\text{\$X\$}\) Specification \(\text{\$[Total Pages_18]} \) 1 3. \(\text{\$X\$}\) Statement Regarding Fed sponsored R & D 4. \(\text{\$X\$}\) Reference to sequence listing, a table, or a computer program listing appendix 4. \(\text{\$Background of the Invention} \) Brief Summary of the Invention 4. \(\text{\$Bief Description of the Drawings (if filed)} \) Detailed Description 5. \(\text{\$Claim(s)\$} \) Abstract of the Disclosure 4. \(\text{\$X\$}\) Drawing(s) (35 U.S.C. 113) \(\text{\$[Total Sheets_2]} \) 1 5. \(\text{\$Oath or Declaration and \$[Total Sheets_2]\$} \) 1 5. \(\text{\$Cath or Declaration and \$[Total Sheets_2]\$} \) 1 6. \(\text{\$\text{\$Copy from a prior application (37 CFR 1.63(d))} \) (for continuation/divisional with Box 18 completed) 6. \(\text{\$\text{\$\text{\$Copy from a prior application, see 37 CFR} \) 1.63(d)(2) and 1.33(b). 6. \(\text{\$X\$}\) Application Data Sheet. See 37 CFR 1.76	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney 11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other:			
18. If a CONTINUING APPLICATION, check appropriate box, and suppospecification following the title, or in an Application Data Sheet under 3.	oly the requisite information below and in the first sentence of the			
	tion-in-part (CIP) of prior application No.:			
Prior application information: Examiner	Art Hoit:			
For CONTINUATION OR DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.				
19. CORRESPONI	DENCE ADDRESS			
Customer Number: 26,831	OR Correspondence address below			
Name				
Address				
City	State Zip Code			
	elephone Fax			
Name (Print/Type) David J. Hill Registration No. (Attorney/Agent) 28,427				
Signature baring. Sin	Date 4/15/2004			

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

SUBMITTED BY

Name (Print/Type)

Signature

David J. Hill

PTO/SB/17 (10-03)

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FEE TRANSMITTAL for FY 2004		Complete if Known		
		Application Number		
		Filing Date		
Effective 10/01/2003. Patent fees are subject to annual revision.	First Named Inventor	Bryan Yielding, et al.		
Applicant claims small entity status. See 37 CFR 1.27		Examiner Name		
		Art Unit		
TOTAL AMOUNT OF PAYMENT	(\$) 770	Attorney Docket No.	0554300/0301	

METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued)			
X Check Credit card Money Other None	Large Entity Small Entity		
Deposit Account:	For For For For		
Deposit Account	ree Describtion	Fee Paid_	
Number	1051 130 2051 65 Surcharge - late filing fee or oath		
Deposit Account	1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet		
Name	cover sneet		
The Director is authorized to: (check all that apply) Charge fee(s) indicated below Credit any overpayments	1912 3 500 1940 0 500 For filing a request for ay parts requestion		
Charge any additional fee(s) or any underpayment of fee(s)	1804 920* 1804 920* Requesting publication of SIR prior to		
Charge fee(s) indicated below, except for the filing fee	Examiner action		
to the above-identified deposit account.	1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action	!	
FEE CALCULATION	1251 110 2251 55 Extension for reply within first month		
1. BASIC FILING FEE	1252 420 2252 210 Extension for reply within second month	!	
Large Entity Small Entity	1253 950 2253 475 Extension for reply within third month	!	
Fee Fee Fee Fee Description Fee Paid	1254 1,480 2254 740 Extension for reply within fourth month		
1001 770 2001 385 Litility filing fee	1255 2,010 2255 1,005 Extension for reply within fifth month		
1002 340 2002 170 Design filing fee 770	1401 330 2401 165 Notice of Appeal		
1003 530 2003 265 Plant filing fee	1402 330 2402 165 Filing a brief in support of an appeal		
1004 770 2004 385 Reissue filing fee	1403 290 2403 145 Request for oral hearing		
1005 160 2005 80 Provisional filing fee	1451 1,510 1451 1,510 Petition to institute a public use proceeding		
SUBTOTAL (4) (\$)	1452 110 2452 55 Petition to revive - unavoidable		
	1453 1,330 2453 665 Petition to revive - unintentional		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	E 1501 1,330 2501 665 Utility issue fee (or reissue)		
Extra Claims below Fee Paid	· · · · · · · · · · · · · · · · · · ·		
Total Claims 12 -20** = X = U	1503 640 2503 320 Plant issue fee		
Claims	1460 130 1460 130 Petitions to the Commissioner		
Multiple Dependent	1807 50 1807 50 Processing fee under 37 CFR 1.17(q)		
Large Entity Small Entity	1806 180 1806 180 Submission of Information Disclosure Stmt		
Fee Fee Fee Fee <u>Fee Description</u> Code (\$) Code (\$)	8021 40 8021 40 Recording each patent assignment per		
1202 18 2202 9 Claims in excess of 20	property (times number of properties) 1809 770 2809 385 Filing a submission after final rejection		
1201 86 2201 43 Independent claims in excess of 3	(37 CFR 1.129(a))		
1203 290 2203 145 Multiple dependent claim, if not paid	TOTAL TOTAL COST TO COST CONTROL INTO COST COST		
1204 86 2204 43 ** Reissue independent claims over original patent	examined (37 CFR 1.129(b)) 1801 770 2801 385 Request for Continued Examination (RCE)		
1205 18 2205 9 ** Reissue claims in excess of 20	1802 900 1802 900 Request for expedited examination	\longrightarrow	
and over original patent	of a design application		
SUBTOTAL (2) (\$) 0	Other fee (specify)		
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)	0	

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Registration No.

28,427

(Complete (if applicable))

Date

Telephone 423-756-3000

4/15/2004

PTO/SB/35 (08-03)
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NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)

First N	Named Inventor	Bryan Yielding, et al.	
Title	1	l Sea Transport System Late Materials	For
Attorn	ey Docket Numbe	o554300-0301	

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

April 15, 2004

Date

Signature

Signature

423-756-3000

Telephone number

David J. Hill

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.